

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004328

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E04H12/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E04H B66F B60Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 633 000 A (BAUMSTUMMLER ANDRE ; BAUMSTUMMLER MICHEL (FR)) 22 December 1989 (1989-12-22) the whole document	1-4,6-9, 12
X	US 6 276 811 B1 (YOSHIMORI TOKUJIN ET AL) 21 August 2001 (2001-08-21) the whole document	1,3-5, 7-9,12
A		10
X	WO 00/68532 A (SHELCOM SIST S S L) 16 November 2000 (2000-11-16) the whole document	1,2,4,12
A		10
X	GB 2 238 333 A (K & M ENTERPRISE COMPANY LIMIT) 29 May 1991 (1991-05-29) the whole document	1,4,6,8, 9,12

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

26 November 2004

Date of mailing of the international search report

02/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fordham, A

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/004328

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2633000	A	22-12-1989	FR 2633000 A1	22-12-1989
US 6276811	B1	21-08-2001	JP 11317109 A	16-11-1999
			JP 2000195328 A	14-07-2000
WO 0068532	A	16-11-2000	ES 2153321 A1	16-02-2001
			WO 0068532 A1	16-11-2000
GB 2238333	A	29-05-1991	JP 2065706 C	24-06-1996
			JP 3163299 A	15-07-1991
			JP 7081673 B	06-09-1995
			AU 617625 B2	28-11-1991
			AU 6672290 A	01-08-1991
			CA 2030393 A1	23-05-1991
			CN 1051955 A ,B	05-06-1991
			DE 4036970 A1	23-05-1991
			FR 2654799 A1	24-05-1991
			IT 1244841 B	06-09-1994
			RU 2042023 C1	20-08-1995
			US 5056278 A	15-10-1991